Eaton Corp plc Form 10-Q November 01, 2016 Table of Contents

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 10-Q

Quarterly report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

For the quarterly period ended September 30, 2016

Commission file number 000-54863

EATON CORPORATION plc

(Exact name of registrant as specified in its charter)

Ireland 98-1059235

(State or other jurisdiction of incorporation or organization) (IRS Employer Identification Number)

Eaton House, 30 Pembroke Road, Dublin 4, Ireland

(Address of principal executive offices)

(Zip Code)

+353 1637

+353 1637 2900

(Registrant's telephone number, including

including

area code)

Not

applicable (Former

name,

former

address and

former

fiscal year if

changed

since last

report)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes β No o Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes β No o

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting

company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer b Accelerated filer o Non-accelerated filer o

Smaller reporting company

0

(Do not check if a smaller reporting company)

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes o No b

There were 451.7 million Ordinary Shares outstanding as of September 30, 2016.

Table of Contents

TABLE OF CONTENTS	
<u>PART I — FINANCIAL INFORMATION</u>	
ITEM 1. FINANCIAL STATEMENTS	<u>2</u>
ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS	22
<u>OF OPERATIONS</u>	<u>23</u>
ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK	<u> 29</u>
ITEM 4. CONTROLS AND PROCEDURES	29
<u>PART II — OTHER INFORMATIO</u> N	
ITEM 1. LEGAL PROCEEDINGS	29
ITEM 1A. RISK FACTORS	<u> 29</u>
ITEM 2. UNRESTRICTED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS	<u>30</u>
ITEM 6. EXHIBITS	<u>30</u>
<u>SIGNATURES</u>	<u>31</u>
EXHIBIT INDEX	32
EX-12	
EX-31.1	
EX-31.2	
EX-32.1	
EX-32.2	
EX-101 INSTANCE DOCUMENT	
EX-101 SCHEMA DOCUMENT	
EX-101 CALCULATION LINKBASE DOCUMENT	
EX-101 DEFINITION LINKBASE DOCUMENT	
EX-101 LABELS LINKBASE DOCUMENT	
EX-101 PRESENTATION LINKBASE DOCUMENT	

PART I — FINANCIAL INFORMATION

ITEM 1. FINANCIAL STATEMENTS.

EATON CORPORATION plc CONSOLIDATED STATEMENTS OF INCOME

	Three mended Septemb		Nine months endo September 30		
(In millions except for per share data)	2016	2015	2016	2015	
Net sales	\$4,987	\$5,203	\$14,880	\$15,798	
Cost of products sold	3,371	3,597	10,081	10,865	
Selling and administrative expense	853	907	2,642	2,723	
Research and development expense	146	156	444	472	
Interest expense - net	59	59	173	175	
Other income - net	(15)	(3)	(28)	(27)	
Income before income taxes	573	487	1,568	1,590	
Income tax expense	51	42	151	143	
Net income	522	445	1,417	1,447	
Less net loss for noncontrolling interests	1	1	1	_	
Net income attributable to Eaton ordinary shareholders	\$523	\$446	\$1,418	\$1,447	
Net income per share attributable to Eaton ordinary shareholders					
Diluted	\$1.15	\$0.96	\$3.09	\$3.09	
Basic	1.15	0.96	3.10	3.10	
Weighted-average number of ordinary shares outstanding					
Diluted	455.6	466.4	457.9	468.5	
Basic	453.9	465.1	456.5	466.8	
Cash dividends declared per ordinary share	\$0.57	\$0.55	\$1.71	\$1.65	

The accompanying notes are an integral part of these condensed consolidated financial statements.

EATON CORPORATION plc CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

	Three	onths			
	ended		ended		
	Septer	nber 30	Septemb	er 30	
(In millions)	2016	2015	2016	2015	
Net income	\$522	\$445	\$1,417	\$1,447	
Less net loss for noncontrolling interests	1	1	1		
Net income attributable to Eaton ordinary shareholders	523	446	1,418	1,447	
Other comprehensive (loss) income, net of tax					
Currency translation and related hedging instruments	(22)	(372)	(57)	(883)
Pensions and other postretirement benefits	45	60	132	164	
Cash flow hedges	1		(33)	3	
Other comprehensive (loss) income attributable to Eaton ordinary shareholders	24	(312)	42	(716)
Total comprehensive income attributable to Eaton ordinary shareholders	\$547	\$134	\$1,460	\$731	

The accompanying notes are an integral part of these condensed consolidated financial statements.

EATON CORPORATION plc CONDENSED CONSOLIDATED BALANCE SHEETS

(In millions)	September 30, 2016	December 31 2015
Assets		
Current assets		
Cash	\$ 494	\$ 268
Short-term investments	213	177
Accounts receivable - net	3,659	3,479
Inventory	2,328	2,323
Prepaid expenses and other current assets	393	369
Total current assets	7,087	6,616
Property, plant and equipment - net	3,506	3,565
Other noncurrent assets		
Goodwill	13,434	13,479
Other intangible assets	5,689	6,014
Deferred income taxes	412	362
Other assets	1,109	960
Total assets	\$ 31,237	\$ 30,996
Liabilities and shareholders' equity		
Current liabilities		
Short-term debt	\$ 1	\$ 426
Current portion of long-term debt	550	242
Accounts payable	1,790	1,758
Accrued compensation	388	366
Other current liabilities	1,866	1,833
Total current liabilities	4,595	4,625
Noncurrent liabilities		
Long-term debt	7,881	7,746
Pension liabilities	1,532	1,586
Other postretirement benefits liabilities	429	440
Deferred income taxes	366	390
Other noncurrent liabilities	988	978
Total noncurrent liabilities	11,196	11,140
Shareholders' equity		
Eaton shareholders' equity	15,404	15,186
Noncontrolling interests	42	45
Total equity	15,446	15,231
Total liabilities and equity	\$ 31,237	\$ 30,996

The accompanying notes are an integral part of these condensed consolidated financial statements.

EATON CORPORATION plc CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS

(In millions)	Nine mended Septem 2016	ıbeı		
Operating activities				
Net income	\$1,417	\$	31,447	7
Adjustments to reconcile to net cash provided by operating activities				
Depreciation and amortization	700	6	592	
Deferred income taxes	(105) (101)
Pension and other postretirement benefits expense	177	2	244	
Contributions to pension plans	(114) (290)
Contributions to other postretirement benefits plans	(26) (24)
Changes in working capital	(224) (184)
Other - net	89	(155)
Net cash provided by operating activities	1,914	1	,629	
Investing activities Capital expenditures for property, plant and equipment	(346) (368)
Cash received from (paid for) acquisitions of businesses, net of cash acquired	1		38)
Sales (purchases) of short-term investments - net	_) 7		,
Proceeds from sale of businesses	(2 <i>)</i>	1		
Other - net	3		44	`
Net cash used in investing activities	•	,	373)
Not eash used in investing activities	(371) (.	313	,
Financing activities				
Proceeds from borrowings	633	1		
Payments on borrowings	(666) (405)
Cash dividends paid	-)
Exercise of employee stock options	60		18	
Repurchase of shares	(567) (454)
Other - net	-) ()
Net cash used in financing activities	(1,325			-
		, ,		
Effect of currency on cash	8	(30)
Total increase (decrease) in cash	226	(363)
Cash at the beginning of the period	268	7	781	
Cash at the end of the period	\$494	\$	8418	

The accompanying notes are an integral part of these condensed consolidated financial statements.

EATON CORPORATION plc

NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

Amounts are in millions unless indicated otherwise (per share data assume dilution).

Note 1. BASIS OF PRESENTATION

The accompanying unaudited condensed consolidated financial statements of Eaton Corporation plc (Eaton or the Company) have been prepared in accordance with generally accepted accounting principles for interim financial information, the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by United States generally accepted accounting principles (US GAAP) for complete financial statements. However, in the opinion of management, all adjustments (consisting of normal recurring accruals) have been made that are necessary for a fair presentation of the condensed consolidated financial statements for the interim periods.

This Form 10-Q should be read in conjunction with the consolidated financial statements and related notes included in Eaton's 2015 Form 10-K. The interim period results are not necessarily indicative of the results to be expected for the full year. Management has evaluated subsequent events through the date this Form 10-Q was filed with the Securities and Exchange Commission.

During the first quarter of 2016, the Company adopted Accounting Standards Update 2015-03, Interest - Imputation of Interest (Subtopic 835-30): Simplifying the Presentation of Debt Issuance Costs (ASU 2015-03). ASU 2015-03 requires that debt issuance costs be presented in the balance sheet as a direct deduction from the related debt liability rather than an asset. The Company has applied this standard retrospectively. The adoption of ASU 2015-03 resulted in the reclassification of \$36 and \$35 within the Company's Condensed Consolidated Balance Sheets as of September 30, 2016 and December 31, 2015, respectively, from Other noncurrent assets to a reduction in Long-term debt. Certain prior year amounts have been reclassified to conform to the current year presentation.

Recently Issued Accounting Pronouncements

In February 2016, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update 2016-02, Leases (Topic 842), (ASU 2016-02). This accounting standard requires that a lessee recognize a lease asset and a lease liability on its balance sheet for all leases, including operating leases, with a term greater than 12 months. ASU 2016-02 will require additional disclosures in the notes to the consolidated financial statements and is effective for annual and interim reporting periods beginning after December 15, 2018. Eaton is evaluating the impact of ASU 2016-02 and an estimate of the impact to the consolidated financial statements cannot be made at this time. In May 2014, the FASB issued Accounting Standards Update 2014-09, Revenue from Contracts with Customers (ASU 2014-09). This accounting standard supersedes all existing US GAAP revenue recognition guidance. Under ASU 2014-09, a company will recognize revenue when it transfers the control of promised goods or services to customers in an amount that reflects the consideration which the company expects to collect in exchange for those goods or services. ASU 2014-09 will require additional disclosures in the notes to the consolidated financial statements and is effective for annual and interim reporting periods beginning after December 15, 2016. In August 2015, the FASB issued ASU 2015-14, Revenue from Contracts with Customers: Deferral of the Effective Date (ASU 2015-14). This accounting standard defers the effective date of ASU 2014-09 for one year and permits early adoption as of the original effective date. Eaton is evaluating the impact of ASU 2014-09 and an estimate of the impact to the consolidated financial statements cannot be made at this time.

Note 2. ACQUISITIONS OF BUSINESSES

Acquisition of Ephesus Lighting, Inc.

On October 28, 2015, Eaton acquired Ephesus Lighting, Inc. (Ephesus). Ephesus is a leader in LED lighting for stadiums and other high lumen outdoor and industrial applications. Its sales for the 12 months ended September 30, 2015 were \$23. Ephesus is reported within the Electrical Products business segment.

Acquisition of UK Safety Technology Manufacturer Oxalis Group Ltd.

On January 12, 2015, Eaton acquired Oxalis Group Ltd. (Oxalis). Oxalis is a manufacturer of closed-circuit television camera stations, public address and general alarm systems and other electrical products for the hazardous area, marine and industrial communications markets. Its sales for the 12 months ended December 31, 2014 were \$9. Oxalis is

reported within the Electrical Systems and Services business segment.

Note 3. ACQUISITION INTEGRATION CHARGES

Eaton incurs integration charges related to acquired businesses. A summary of these charges follows:

	Th	ree	Nin	e
	mo	nths	moi	nths
	enc	led	end	ed
	Sep	otember	Sep	tember
	30		30	
	201	1 @ 015	201	@ 015
Electrical Products	\$1	\$5	\$2	\$ 17
Electrical Systems and Services	—	3	1	10
Hydraulics	—		_	2
Total business segments	1	8	3	29
Corporate	—	2	_	4
Total acquisition integration charges before income taxes	1	10	3	33
Income taxes	—	3	1	11
Total after income taxes	\$1	\$7	\$2	\$ 22
Per ordinary share - diluted	\$-	-\$0.01	\$ —	-\$ 0.05

Business segment acquisition integration charges in 2016 related to the integration of Ephesus Lighting, Inc. (Ephesus) and

Oxalis Group Ltd. (Oxalis), which were acquired in 2015. The charges associated with Ephesus were included in Cost of

products sold and Selling and administrative expense, while the charges associated with Oxalis were included in Cost of

products sold. Business segment acquisition integration charges in 2015 related primarily to the integration of Cooper Industries plc (Cooper), which was acquired in 2012. These charges were included in Cost of products sold or Selling and

administrative expense, as appropriate. In Business Segment Information, the charges reduced Operating profit of the related

business segment. See Note 14 for additional information about business segments.

Corporate acquisition integration charges in 2015 also related to the integration of Cooper. These charges were included in Selling and administrative expense. In Business Segment Information, the charges were included in Other corporate expense - net.

Note 4. RESTRUCTURING CHARGES

During 2015, Eaton announced its intention to undertake actions to reduce its cost structure in all business segments and at corporate. Restructuring charges for the three and nine months ended September 30, 2016, were \$23 and \$121, respectively, and were \$113 and \$127 for the three and nine months ended September 30, 2015, respectively. The charges associated with restructuring activities are anticipated to be \$145 in 2016 and \$180 in 2017.

A summary of restructuring charges by type follows:

	Thre	e	Nine		
	months		montl	ns	
	ended		ended	l	
	Sept	ember	September		
	30		30		
	2016	2015	2016	2015	
Workforce reductions	\$18	\$99	\$95	\$111	
Plant closings and other	5	14	26	16	
Total	\$23	\$113	\$121	\$127	

A summary of restructuring charges by segment follows:

	Three	;	Nine		
	mont	hs	months		
	ended	l	ended		
	Septe	mber	September		
	30		30		
	2016	2015	2016	2015	
Electrical Products	\$1	\$11	\$27	\$12	
Electrical Systems & Services	7	26	20	26	
Hydraulics	10	25	44	34	
Aerospace	(1)	5	3	5	
Vehicle	5	29	22	33	
Corporate	1	17	5	17	
Total	\$23	\$113	\$121	\$127	

A summary of liabilities related to workforce reductions, plant closings and other associated costs follows:

Plant

		1 Iaiii			
	Workforce		closin	Total	
	reductions and				Totai
			other		
Balance at December 31, 2014	\$ —		\$ —		\$ —
Liability recognized	112		17		129
Payments	(59)	(3)	(62)
Other adjustments	1		(14)	(13)
Balance at December 31, 2015	54		_		54
Liability recognized	95		26		121
Payments	(89)	(11)	(100)
Other adjustments	(1)	(14)	(15)
Balance at September 30, 2016	\$ 59		\$ 1		\$60

These charges were included in Cost of products sold, Selling and administrative expenses or Other income-net, as appropriate. In Business Segment Information, the charges reduced Operating profit of the related business segment. See Note 14 for additional information about business segments.

Note 5. GOODWILL

A summary of goodwill follows:

	Electrical Products	and	Hydraulics	Aerospace	Vehicle	Total
December 31, 2015	\$ 6,642	Services \$4,279	\$ 1,259	\$ 956	\$ 343	\$13,479
1141101441011	(- '	(12)	2	(13)	2	(45)
September 30, 2016	\$6,618	\$ 4,267	\$ 1,261	\$ 943	\$ 345	\$13,434

Note 6. DEBT

On September 20, 2016, a subsidiary of Eaton issued Euro denominated notes (Euro Notes) with a face value of €550 (\$615 based on the September 20, 2016 spot rate), in accordance with Regulation S promulgated under the Securities Act of 1933, as amended. The Euro Notes mature in 2024 with interest payable annually at a rate of 0.75%. The issuer received proceeds totaling €544 (\$609 based on the September 20, 2016 spot rate) from the issuance, net of financing costs and discounts. The senior Euro Notes are fully and unconditionally guaranteed on an unsubordinated, unsecured basis by Eaton and certain of its direct and indirect subsidiaries. The Euro Notes contain an optional redemption provision by which the Company may make an offer to purchase all or any part of the Euro Notes prior to June 20, 2024 at a purchase price of the greater of (a) 100% of the principal amount of the respective Euro Notes being redeemed, or (b) the sum of the present values of the respective remaining scheduled payments of principal and interest, discounted to the redemption date on an annual basis at the benchmark Bund Rate plus 20 basis points. In each case, the redemption price will include any accrued and unpaid interest on the Euro Notes being redeemed. At any time on or after June 20, 2024, the Company may redeem the Euro Notes, in whole or in part, at a redemption price equal to 100% of the principal amount to be redeemed plus accrued and unpaid interest. The Euro Notes also contain a change of control provision which requires the Company to make an offer to purchase all or any part of the Euro Notes at a purchase price of 101% of the principal amount plus accrued and unpaid interest. The capitalized deferred financing fees and discounts are amortized in Interest expense - net over the respective terms of the Euro Notes. The Euro Notes are subject to customary non-financial covenants.

On October 14, 2016, Eaton refinanced a \$750, five-year revolving credit facility with a \$750, five-year revolving credit facility that will expire October 14, 2021. Eaton also maintains a \$500, four-year revolving credit facility that will expire on October 3, 2018 and a \$750, five-year credit facility that will expire October 3, 2019. This refinancing maintains long-term revolving credit facilities at a total of \$2,000. The revolving credit facilities are used to support commercial paper borrowings and are fully and unconditionally guaranteed by Eaton and certain of its direct and indirect subsidiaries on an unsubordinated, unsecured basis. There were no borrowings outstanding under these revolving credit facilities at September 30, 2016 or October 14, 2016.

Note 7. RETIREMENT BENEFITS PLANS

The components of retirement benefits expense follow:

	Unite	d	Non-United		Other				
	States		States		Other				
	pensi	on	pension benefit		postretirement benefits				
	benef	ït							
	exper	ise	expense		ex	2			
	•		hs ended Sep			ptember 30			
				16 2015			2015		
Service cost	\$28	\$31	\$16	\$18	\$	1	\$ 2		
Interest cost	31	39	16	18	4		6		
Expected return on plan assets	(63)	(65)	(23)	(25)	(2	2)	(2)		
Amortization	23	29	8	10	(2	2)			
	19	34	17	21	1		6		
Settlements	24	25			_	_			
Total expense	\$43	\$59	\$17	\$21	\$	1	\$ 6		
	United State pension benefit expense		Non-Unit States pension benefit expense		Other postretirem benefits expense		etirement fits		
	Nine	month	is ende		ten	nber 3	0		
	2016	2013	5 201	16 201	15	2016	2015		

Service cost	\$83	\$92	\$49	\$55	\$ 3	\$ 5	
Interest cost	94	117	48	54	13	18	
Expected return on plan assets	(188)	(196)	(71)	(75)	(5)	(4)	
Amortization	69	89	25	30	(6)	1	
	58	102	51	64	5	20	
Settlements and curtailments	63	58	—			_	
Total expense	\$121	\$160	\$51	\$64	\$ 5	\$ 20	

Note 8. LEGAL CONTINGENCIES

Eaton is subject to a broad range of claims, administrative and legal proceedings such as lawsuits that relate to contractual allegations, tax audits, patent infringement, personal injuries, antitrust matters and employment-related matters. Eaton is also subject to asbestos claims from historic products which may have contained asbestos. Insurance may cover some of the costs associated with these claims. Although it is not possible to predict with certainty the outcome or cost of these matters, the Company believes they will not have a material adverse effect on the consolidated financial statements.

In December 2010, a Brazilian court held that a judgment obtained by a Brazilian company, Raysul, against another Brazilian company, Saturnia, which was sold by Eaton in 2006, could be enforced against Eaton Ltda. The judgment was based on an alleged violation of an agency agreement between Raysul and Saturnia. At March 31, 2016, the Company had a total accrual of 100 Brazilian Reais related to this matter (\$31 based on June 2016 exchange rates). In June 2016, Eaton signed a settlement agreement and resolved the matter, which did not have a material impact on the consolidated financial statements.

Note 9. INCOME TAXES

The effective income tax rate for the third quarter and first nine months of 2016 was expense of 9%, and 10%, respectively, compared to an expense of 9% for the third quarter and first nine months of 2015. The increase in the effective tax rate in the first nine months of 2016 was primarily due to more income earned in higher tax jurisdictions.

Note 10. EOUITY

On October 22, 2013, Eaton's Board of Directors adopted a share repurchase program (2013 Program) that authorizes the repurchase of 40 million ordinary shares. During the first quarter of 2016, 1.5 million ordinary shares were repurchased under the 2013 Program in the open market at a total cost of \$82. During the three and nine months ended September 30, 2015, 4.8 million and 7.2 million ordinary shares were repurchased under the 2013 Program in the open market at a total cost of \$284 and \$454, respectively. On February 24, 2016, the Board of Directors approved a new share repurchase program for share repurchases up to \$2,500 of ordinary shares (2016 Program). Under the 2016 Program, the ordinary shares are expected to be repurchased over time, depending on market conditions, the market price of ordinary shares, capital levels, and other considerations. During the three and nine months ended September 30, 2016, 3.7 million and 7.7 million ordinary shares, respectively, were purchased on the open market under the 2016 Program for a total cost of \$243 and \$485, respectively.

The changes in Shareholders' equity follow:

Faton

	shareholder	, ,	Noı	ncontrol	Total		
	equity	18	inte	erests		equity	
Balance at December 31, 2015	\$ 15,186		\$	45		\$15,23	31
Net income (loss)	1,418		(1)	1,417	
Other comprehensive income	42		_			42	
Cash dividends paid	(780)	(2)	(782)
Issuance of shares under equity-based compensation plans - net	105		—			105	
Repurchase of shares	(567)	—			(567)
Balance at September 30, 2016	\$ 15,404		\$	42		\$15,44	46

The changes in Accumulated other comprehensive loss follow:

The changes in Accumulated other comprehen	.51 10 10 55 1011	OW.	
	Currency translation and related hedging instruments	Pensions and other postretirement benefits	Cash flow Total hedges
Balance at December 31, 2015	\$ (2,492)	\$ (1,374)	\$3 \$(3,863)
Other comprehensive (loss) income	(57)	33	(35) (59)

before reclassifications Amounts reclassified from Accumulated other comprehensive loss (income)	_	99		2 101
Net current-period Other comprehensive income (loss)	(57) 132		(33) 42
Balance at September 30, 2016	\$ (2,549) \$ (1,242)	\$(30) \$(3,821)
10				

Table of Contents

The reclassifications out of Accumulated other comprehensive loss follow:

	Nine months ended Septemb 30, 2016		Consolidated statements of income classification
Amortization of defined benefit pensions and other postretirement benefits item	S		
Actuarial loss and prior service cost	\$ (151) 1	
Tax benefit	52		
Total, net of tax	(99)	
Gains and (losses) on cash flow hedges			
Currency exchange contracts	(3)	Cost of products sold
Tax benefit	1		•
Total, net of tax	(2)	
Total reclassifications for the period	\$ (101)	

¹ These components of Accumulated other comprehensive loss are included in the computation of net periodic benefit cost. See Note 7 for additional information about pension and other postretirement benefits items.

Net Income Per Share Attributable to Eaton Ordinary Shareholders

A summary of the calculation of net income per share attributable to Eaton ordinary shareholders follows:

is summing of the cure management of the per situate utilities to				
	Three			
	month	S	Nine m	onths
	ended		ended	
	Septer	nber	Septem	ber 30
	30		-	
(Shares in millions)	2016	2015	2016	2015
Net income attributable to Eaton ordinary shareholders	\$523	\$446	\$1,418	\$1,447
Weighted-average number of ordinary shares outstanding - diluted	455.6	466.4	457.9	468.5
Less dilutive effect of equity-based compensation	1.7	1.3	1.4	1.7
Weighted-average number of ordinary shares outstanding - basic	453.9	465.1	456.5	466.8
Net income per share attributable to Eaton ordinary shareholders				
Diluted	\$1.15	\$0.96	\$3.09	\$3.09
Basic	1.15	0.96	3.10	3.10

For the third quarter and first nine months of 2016, 1.5 million and 1.8 million stock options, respectively, were excluded from the calculation of diluted net income per share attributable to Eaton ordinary shareholders because the exercise price of the options exceeded the average market price of the ordinary shares during the period and their effect, accordingly, would have been antidilutive. For the third quarter and first nine months of 2015, 1.8 million and 1.3 million stock options, respectively, were excluded from the calculation of diluted net income per share attributable to Eaton ordinary shareholders because the exercise price of the options exceeded the average market price of the ordinary shares during the periods and their effect, accordingly, would have been antidilutive.

Note 11. FAIR VALUE MEASUREMENTS

Fair value is measured based on an exit price, representing the amount that would be received to sell an asset or paid to satisfy a liability in an orderly transaction between market participants. Fair value is a market-based measurement that should be determined based on assumptions that market participants would use in pricing an asset or liability. As

a basis for considering such assumptions, a fair value hierarchy is established, which categorizes the inputs used in measuring fair value as follows: (Level 1) observable inputs such as quoted prices in active markets; (Level 2) inputs, other than the quoted prices in active markets, that are observable either directly or indirectly; and (Level 3) unobservable inputs in which there is little or no market data, which require the reporting entity to develop its own assumptions.

Table of Contents

A summary of financial instruments recognized at fair value, and the fair value measurements used, follows:

	Total	Level	Level	Level 3	
September 30, 2016					
Cash	\$494				_
Short-term investments	213	213	_		
Net derivative contracts	148		148	—	
Long-term debt converted to floating interest rates by interest rate swaps - net	(172)	_	(173)	_	
December 31, 2015					
Cash	\$268	\$268	\$ —	\$ -	_
Short-term investments	177	177	_		
Net derivative contracts	86		86		

Eaton values its financial instruments using an industry standard market approach, in which prices and other relevant information is generated by market transactions involving identical or comparable assets or liabilities. No financial instruments were measured using unobservable inputs.

Other Fair Value Measurements

interest rate swaps - net

Long-term debt converted to floating interest rates by

Long-term debt and the current portion of long-term debt had a carrying value of \$8,431 and fair value of \$9,050 at September 30, 2016 compared to \$7,988 and \$8,231, respectively, at December 31, 2015. The fair value of Eaton's debt instruments were estimated using prevailing market interest rates on debt with similar creditworthiness, terms and maturities, and are considered a Level 2 fair value measurement.

Note 12. DERIVATIVE FINANCIAL INSTRUMENTS AND HEDGING ACTIVITIES

In the normal course of business, Eaton is exposed to certain risks related to fluctuations in interest rates, currency exchange rates and commodity prices. The Company uses various derivative and non-derivative financial instruments, primarily interest rate swaps, currency forward exchange contracts, currency swaps and, to a lesser extent, commodity contracts, to manage risks from these market fluctuations. The instruments used by Eaton are straightforward, non-leveraged instruments. The counterparties to these instruments are financial institutions with strong credit ratings. Eaton maintains control over the size of positions entered into with any one counterparty and regularly monitors the credit rating of these institutions. Such instruments are not purchased and sold for trading purposes.

Derivative financial instruments are accounted for at fair value and recognized as assets or liabilities in the Condensed Consolidated Balance Sheets. Accounting for the gain or loss resulting from the change in the fair value of the derivative financial instrument depends on whether it has been designated, and is effective, as part of a hedging relationship and, if so, as to the nature of the hedging activity. Eaton formally documents all relationships between derivative financial instruments accounted for as designated hedges and the hedged item, as well as its risk-management objective and strategy for undertaking the hedge transaction. This process includes linking derivative financial instruments to a recognized asset or liability, specific firm commitment, forecasted transaction, or net investment in a foreign operation. These financial instruments can be designated as:

Hedges of the change in the fair value of a recognized fixed-rate asset or liability, or the firm commitment to acquire such an asset or liability (a fair value hedge); for these hedges, the gain or loss from the derivative financial instrument, as well as the offsetting loss or gain on the hedged item attributable to the hedged risk, are recognized in income during the period of change in fair value.

Hedges of the variable cash flows of a recognized variable-rate asset or liability, or the forecasted acquisition of such an asset or liability (a cash flow hedge); for these hedges, the effective portion of the gain or loss from the derivative financial instrument is recognized in Accumulated other comprehensive loss and reclassified to income in the same period when the gain or loss on the hedged item is included in income.

Hedges of the currency exposure related to a net investment in a foreign operation (a net investment hedge); for these hedges, the effective portion of the gain or loss from the derivative financial instrument is recognized in Accumulated other comprehensive loss and reclassified to income in the same period when the gain or loss related to the net investment in the foreign operation is included in income.

The gain or loss from a derivative financial instrument designated as a hedge that is effective is classified in the same line of the Consolidated Statements of Income as the offsetting loss or gain on the hedged item. The change in fair value of a derivative financial instrument that is not effective as a hedge is immediately recognized in income. For derivatives that are not designated as a hedge, any gain or loss is immediately recognized in income. The majority of derivatives used in this manner relate to risks resulting from assets or liabilities denominated in a foreign currency and certain commodity contracts that arise in the normal course of business. Gains and losses associated with commodity hedge contracts are classified in Cost of products sold.

Eaton uses certain of its debt denominated in foreign currency to hedge portions of its net investments in foreign operations against foreign currency exposure (net investment hedges). Foreign currency denominated debt designated as non-derivative net investment hedging instruments on an after-tax basis was \$99 at September 30, 2016 and \$83 at December 31, 2015, and designated on a pre-tax basis was \$607 at September 30, 2016.

Derivative Financial Statement Impacts

The fair value of derivative financial instruments recognized in the Condensed Consolidated Balance Sheets follows:

	Notional amount	Other current assets	Other noncurrent assets	ncurrent current n		Type of hedge	Term
September 30, 2016							
Derivatives designated as hedges Fixed-to-floating interest rate swaps	\$ 3,765	\$ —	\$ 172	\$ —	\$ —	Fair value	1 month to 19 years
Forward starting floating-to-fixed interest rate swaps	450	_	_	_	18	Cash flow	•
Currency exchange contracts	826	5	1	19	14	Cash flow	1 to 36 months
Total		\$ 5	\$ 173	\$ 19	\$ 32		months
Derivatives not designated as hedges							
Currency exchange contracts	\$ 3,991	\$ 34	\$ —	\$ 15	\$ —		1 to 24 months
Commodity contracts	41	2		_			1 to 12 months
Total		\$ 36	\$ —	\$ 15	\$ —		months
December 31, 2015 Derivatives designated as hedges							
Fixed-to-floating interest rate swaps	\$ 3,715	\$ —	\$ 96	\$ —	\$ 2	Fair value	2 to 19 years
Forward starting floating-to-fixed interest rate swaps	50	_	_	_	_	Cash flow	12 years
Currency exchange contracts	724	18	1	8	6	Cash flow	1 to 36 months
Commodity contracts	1	_	_	_	_	Cash flow	1 to 12 months
Total		\$ 18	\$ 97	\$ 8	\$ 8		
Derivatives not designated as hedges							
Currency exchange contracts	\$ 4,198	\$ 27		\$ 40			

1 to 12 months

Total \$ 27 \$ 40

The currency exchange contracts shown in the table above as derivatives not designated as hedges are primarily contracts entered into to manage currency volatility or exposure on intercompany sales and loans. While Eaton does not elect hedge accounting treatment for these derivatives, Eaton targets managing 100% of the intercompany balance sheet exposure to minimize the effect of currency volatility related to the movement of goods and services in the normal course of its operations. This activity represents the great majority of these currency exchange contracts.

The impact of derivative instruments to the Consolidated Statement of Income and Comprehensive Income follow:

The impact of derivative instrume	nts t	υı	IIC	Collso		t of meome and
	Gain (loss) recognized i other comprehens (loss) incom		ed in	Location of gain (loss) reclassified from Accumulated other comprehensive loss	Gain (loss) reclassified from Accumulated other comprehensive loss	
	ende	ed ten		onths er 30 2015		Three months ended September 30 2016 2015
Derivatives designated as cash flow hedges		O		2013		2010 2013
Forward starting floating-to-fixed interest rate swaps	\$ 1			\$ —	Interest expense - net	\$ — \$ —
Currency exchange contracts	(3)	6	Cost of products sold	(4) 5
Total	\$ (2	2)	\$ 6	Location of	\$ (4) \$ 5
	Gain (loss) recognized in other comprehensive (loss) income			ed in	gain (loss) reclassified from Accumulated other comprehensive loss	Gain (loss) reclassified from Accumulated other comprehensive loss
	Nine ende Sept	ed		nths er 30		Nine months ended September 30
Derivatives designated as cash	201	6		2015		2016 2015
flow hedges						
Forward starting floating-to-fixed interest rate swaps	\$ (1	8)	\$ —	Interest expense - net	\$ — \$ —
Currency exchange contracts	(35)	16	Cost of products sold	(3) 11
Total Amounts recognized in net incom	\$ (5)	\$ 16		\$ (3) \$ 11
Amounts recognized in net incom	C 101	101	w:			Nine months ended September 30 2016 2015
Derivatives designated as fair value Fixed-to-floating interest rate swa Related long-term debt converted	ps	_		g intere	\$(28) \$65	\$78 \$62 (78) (62)

rates by interest rate swaps

Gains and losses described above were recognized in Interest expense - net.

Note 13. INVENTORY

The components of inventory follow:

	September 30,	December 31,
	2016	2015
Raw materials	\$ 910	\$ 885
Work-in-process	431	412
Finished goods	1,083	1,131
Inventory at FIFO	2,424	2,428
Excess of FIFO over LIFO cost	(96)	(105)
Total inventory	\$ 2,328	\$ 2,323

Note 14. BUSINESS SEGMENT INFORMATION

Operating segments are defined as components of an enterprise about which separate financial information is available that is evaluated on a regular basis by the chief operating decision maker, or decision making group, in deciding how to allocate resources to an individual segment and in assessing performance. Eaton's operating segments are Electrical Products, Electrical Systems and Services, Hydraulics, Aerospace and Vehicle. Operating profit includes the operating profit from intersegment sales. For additional information regarding Eaton's business segments, see Note 15 to the Consolidated Financial Statements contained in the 2015 Form 10-K.

	Three n ended Septem	Nine mo		ths ended or 30					
	2016	2015		2016		2015			
Net sales									
Electrical Products	\$1,767	\$1,771	l	\$5,231		\$5,246			
Electrical Systems and Services	1,436	1,487	1,487 4,207			4,437	•		
Hydraulics	562	599		1,702		1,907			
Aerospace	436	449		1,328		1,367			
Vehicle	786	897		2,412		2,841			
Total net sales	\$4,987	\$5,203	3	\$14,880)	\$15,79	8		
Segment operating profit									
Electrical Products	\$331	\$322		\$924		\$858			
Electrical Systems and Services	197	164		534		573			
Hydraulics	61	44		161		184			
Aerospace	88	79		251		233			
Vehicle	122	136		377		490			
Total segment operating profit	799	745		2,247		2,338			
Corporate									
Amortization of intangible assets	(99	(102)	(297)	(306)		
Interest expense - net		(59	-	(173	-	(175)		
Pension and other postretirement benefits expense		(38	-	(45)	(99)		
Other corporate expense - net		(59	-	(164)	(168)		
Income before income taxes	573	487	_	1,568	_	1,590			
Income tax expense	51	42		151		143			
Net income	522	445		1,417		1,447			
Less net loss for noncontrolling interests	1	1		1					
Net income attributable to Eaton ordinary shareholders	\$523	\$446		\$1,418		\$1,447			

Note 15. CONDENSED CONSOLIDATING FINANCIAL STATEMENTS

On November 14, 2013, Eaton Corporation registered senior notes under the Securities Act of 1933 (the Senior Notes). Eaton and certain other of Eaton's 100% owned direct and indirect subsidiaries (the Guarantors) fully and unconditionally guaranteed (subject, in the case of the Guarantors, other than Eaton, to customary release provisions as described below), on a joint and several basis, the Senior Notes. The following condensed consolidating financial statements are included so that separate financial statements of Eaton, Eaton Corporation and each of the Guarantors are not required to be filed with the Securities and Exchange Commission. The consolidating adjustments primarily relate to eliminations of investments in subsidiaries and intercompany balances and transactions. The condensed consolidating financial statements present investments in subsidiaries using the equity method of accounting. The guarantee of a Guarantor that is not a parent of the issuer will be automatically and unconditionally released and discharged in the event of any sale of the Guarantor or of all or substantially all of its assets, or in connection with the release or termination of the Guarantor as a guarantor under all other U.S. debt securities or U.S. syndicated credit facilities, subject to limitations set forth in the indenture. The guarantee of a Guarantor that is a direct or indirect parent of the issuer will only be automatically and unconditionally released and discharged in connection with the release or termination of such Guarantor as a guarantor under all other debt securities or syndicated credit facilities (in both cases, U.S. or otherwise), subject to limitations set forth in the indenture.

During 2015 and 2016, the Company undertook certain steps to restructure ownership of various subsidiaries. The transactions were entirely among wholly-owned subsidiaries under the common control of Eaton. This restructuring has been reflected as of the beginning of the earliest period presented below.

CONSOLIDATING STATEMENTS OF COMPREHENSIVE INCOME FOR THE THREE MONTHS ENDED SEPTEMBER 30, 2016

	Eaton Corporati plc	on	Eaton Corporation	on	Guaranto	rs	Other subsidiari	ies	Consolidat adjustment	ing s	Total	
Net sales	\$ —		\$ 1,660		\$ 1,583		\$ 3,040		\$ (1,296)	\$4,98	7
Cost of products sold	_		1,329		1,162		2,173		(1,293)	3,371	
Selling and administrative expense	2		330		197		324				853	
Research and development expense			59		43		44				146	
Interest expense (income) - net			59		4		(3)	(1)	59	
Other expense (income) - net	(1)	18				(32)			(15)
Equity in loss (earnings) of subsidiaries, net of tax	(628)	(173)	(895)	(219)	1,915		_	
Intercompany expense (income) - net	104		(47)	336		(393)				
Income (loss) before income taxes	523		85		736		1,146		(1,917)	573	
Income tax expense (benefit)			(11)	10		53		(1)	51	
Net income (loss)	523		96		726		1,093		(1,916)	522	
Less net loss (income) for noncontrolling interests	_		_		_		_		1		1	
Net income (loss) attributable to Eaton ordinary shareholders	\$ 523		\$ 96		\$ 726		\$ 1,093		\$ (1,915)	\$523	
Other comprehensive income (loss) Total comprehensive income	\$ 24		\$ 24		\$ 29		\$ 2		\$ (55)	\$24	
(loss) attributable to Eaton ordinary shareholders	\$ 547		\$ 120		\$ 755		\$ 1,095		\$ (1,970)	\$547	

CONSOLIDATING STATEMENTS OF COMPREHENSIVE INCOME FOR THE THREE MONTHS ENDED SEPTEMBER 30, 2015

		Eaton Corporation plc	n	Eaton Corporation	n	Guaranto	rs	Other subsidiarie	es	Consolidation adjustments		Total	
N	Net sales	\$ —		\$ 1,755		\$ 1,664		\$ 3,105		\$ (1,321)	\$5,203	
	Cost of products sold	_		1,380		1,269		2,265		(1,317)	3,597	
	elling and administrative expense	2		375		191		339		_		907	
	Research and development expense	_		65		51		40		_		156	
I	nterest expense (income) - net	_		54		5		(3)	3		59	
(Other expense (income) - net	_		11		3		(17)	_		(3)
F	Equity in loss (earnings) of subsidiaries, net of tax	(534)	(264)	(888))	(64)	1,750			
I	ntercompany expense (income) - net	86		(54)	258		(290)	_		_	
I	ncome (loss) before income taxes	446		188		775		835		(1,757)	487	
I	ncome tax expense (benefit)			17		(15)	38		2		42	
N	let income (loss)	446		171		790		797		(1,759)	445	
I	less net loss (income) for noncontrolling interests	_		_		_		1		_		1	
N	Net income (loss) attributable to Eaton ordinary shareholders	\$ 446		\$ 171		\$ 790		\$ 798		\$ (1,759)	\$446	
	Other comprehensive income (loss)	\$ (312)	\$ (24)	\$ (305)	\$ (411)	\$ 740		\$(312)
,	(loss) attributable to Eaton ordinary shareholders	\$ 134		\$ 147		\$ 485		\$ 387		\$ (1,019)	\$134	
	Other comprehensive income (loss) Cotal comprehensive income (loss) attributable to Eaton))	·)))		

CONSOLIDATING STATEMENTS OF COMPREHENSIVE INCOME

FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2016

	Eaton Corporation plc	rporation Eaton Guarantors		Other subsidiaries	Consolidating adjustments	Total		
Net sales	\$ —	\$ 4,842	\$ 4,793	\$ 8,983	\$ (3,738)	\$14,880		
Cost of products sold	_	3,788	3,554	6,478	(3,739)	10,081		
Selling and administrative expense	6	1,048	583	1,005		2,642		
Research and development expense	_	176	138	130	_	444		
Interest expense (income) - net	_	169	13	(13)	4	173		
Other expense (income) - net	(1)	34	(3)	(58)	_	(28)		
Equity in loss (earnings) of subsidiaries, net of tax	(1,726)	(495)	(2,384)	(434)	5,039	_		
Intercompany expense (income) - net	303	(135)	913	(1,081)	_			
Income (loss) before income taxes	1,418	257	1,979	2,956	(5,042)	1,568		
Income tax expense (benefit)		9	24	119	(1)	151		
Net income (loss)	1,418	248	1,955	2,837	(5,041)	1,417		
Less net loss (income) for noncontrolling interests	_	_	_	(2)	3	1		
Net income (loss) attributable to Eaton ordinary shareholders	\$ 1,418	\$ 248	\$ 1,955	\$ 2,835	\$ (5,038)	\$1,418		

Other comprehensive income (loss)	\$ 42	\$ 68	\$ 54	\$ (21)	\$ (101)	\$42
Total comprehensive income								
(loss) attributable to Eaton ordinary shareholders	\$ 1,460	\$ 316	\$ 2,009	\$ 2,814		\$ (5,139)	\$1,460

CONSOLIDATING STATEMENTS OF COMPREHENSIVE INCOME FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2015

	Eaton Corporation		Faton	ioı	Guaranto	ors	Other subsidia	rie	Consolida sadjustmer	ıtin ıts	g Total	
Net sales	\$ —		\$ 5,263		\$ 5,065		\$ 9,469		\$ (3,999)	\$15,79	8
Cost of products sold Selling and administrative expense Research and development expense Interest expense (income) - net Other expense (income) - net Equity in loss (earnings) of subsidiaries, net of tax Intercompany expense (income) - net Income (loss) before income taxes Income tax expense (benefit) Net income (loss) Less net loss (income) for noncontrolling interests)	4,123 1,120 202 166 17 (529 (362 526 36 490		3,837 539 145 16 (5 (2,403 1,010 1,926 (32 1,958)	`)	(3,959 — 3 — 4,945 — (4,988 (15 (4,973 1		10,865 2,723 472 175 (27 1,590 143 1,447)
Net income (loss) attributable to Eaton ordinary shareholders	\$ 1,447		\$ 490		\$ 1,958		\$ 2,524		\$ (4,972)	\$1,447	
Other comprehensive income (loss) Total comprehensive income (loss) attributable	\$ (716 e)	\$ 39		\$ (691)	\$ (875)	\$ 1,527		\$(716)
to Eaton ordinary shareholders	\$ 731		\$ 529		\$ 1,267		\$ 1,649		\$ (3,445)	\$731	

CONDENSED CONSOLIDATING BALANCE SHEETS SEPTEMBER 30, 2016

Assets Current assets Cash \$1 \$70 \$4 \$419 \$— \$494 Short-term investments — — — 213 — 213 Accounts receivable - net — 510 1,072 2,077 — 3,659 Intercompany accounts 2 637 4 149 3 484 (8 272) —		Eaton Corporation plc	Eaton Corporation	Guarantors	Other subsidiaries	Consolidating adjustments	Total
Cash \$ 1 \$ 70 \$ 4 \$ 419 \$ — \$ 494 Short-term investments — — — 213 — 213 Accounts receivable - net — 510 1,072 2,077 — 3,659 Intercompany accounts 2 637 4,149 3,484 (8,272) —	Assets						
Short-term investments — — — 213 — 213 Accounts receivable - net — 510 1,072 2,077 — 3,659 Intercompany accounts 2 637 4,149 3,484 (8,272)	Current assets						
Accounts receivable - net — 510 1,072 2,077 — 3,659 Intercompany accounts 2 637 4 149 3 484 (8 272) —	Cash	\$ 1	\$ 70	\$ 4	\$ 419	\$—	\$494
Intercompany accounts 2 637 4 149 3 484 (8 272) —	Short-term investments			_	213		213
7 637 4 149 3 484 18 7 7 7	Accounts receivable - net		510	1,072	2,077		3,659
10001 1 11010	Intercompany accounts receivable	2	637	4,149	3,484	(8,272)	_
Inventory — 365 647 1,395 (79) 2,328	Inventory		365	647	1,395	(79)	2,328
Prepaid expenses and other current assets — 107 40 219 27 393	Prepaid expenses and	_	107	40			
Total current assets 3 1,689 5,912 7,807 (8,324) 7,087		3	1 680	5.012	7 807	(8 324	7.087
10tal current assets 5 1,069 3,912 7,807 (8,524) 7,087	Total current assets	3	1,089	3,912	7,807	(8,324)	7,087
Property, plant and equipment - net — 863 712 1,931 — 3,506		_	863	712	1,931	_	3,506
Other noncurrent assets	Other noncurrent assets						
Goodwill — 1,355 6,264 5,815 — 13,434		_	1,355	6,264	5,815	_	13,434
Other intangible assets — 172 3,481 2,036 — 5,689	Other intangible assets	_	172	3,481	2,036	_	5,689
Deferred income taxes — 987 — 231 (806) 412	Deferred income taxes	_	987	_	231	(806)	412
Investment in subsidiaries 32,690 13,491 72,562 12,194 (130,937) —	Investment in subsidiaries	32,690	13,491	72,562	12,194	(130,937)	
Intercompany loans receivable — 7,614 2,182 56,101 (65,897) —	Intercompany loans receivable		7,614	2,182	56,101	(65,897)	_
Other assets — 603 129 377 — 1,109	Other assets		603	129	377		1,109
Total assets \$ 32,693 \$ 26,774 \$ 91,242 \$ 86,492 \$ (205,964) \$31,237	Total assets	\$ 32,693	\$ 26,774	\$ 91,242	\$ 86,492	\$ (205,964)	\$31,237
Liabilities and shareholders' equity Current liabilities	shareholders' equity						
Short-term debt \$— \$— \$— \$1 \$— \$1		\$ —	\$ —	\$ —	\$ 1	\$ <i>-</i>	\$1
Current portion of		7			-	7	
long-term debt — 251 299 — — 550	-		251	299			550
Accounts payable — 415 259 1,116 — 1,790	Accounts payable		415	259	1,116		1,790
Intercompany accounts payable 194 3,966 2,982 1,130 (8,272) —		194	3,966	2,982	1,130	(8,272)	
Accrued compensation — 85 51 252 — 388	Accrued compensation		85	51	252		388
Other current liabilities 1 630 297 939 (1) 1,866	Other current liabilities	1	630	297	939	(1)	1,866
Total current liabilities 195 5,347 3,888 3,438 (8,273) 4,595	Total current liabilities	195	5,347	3,888	3,438	(8,273)	4,595
Noncurrent liabilities	Noncurrent liabilities						
Long-term debt — 6,889 971 16 5 7,881			6,889	971	16	5	7,881
Pension liabilities — 605 168 759 — 1,532							
Other postretirement — 237 114 78 — 429	1	_	237	114	78	_	
Deferred income taxes — 771 401 (806) 366		_	_	771	401	(806	366
Intercompany loans payable 17,094 2,377 44,900 1,526 (65,897) —		17.094	2.377				
Other noncurrent liabilities — 344 214 430 — 988						_	
Total noncurrent liabilities 17,094 10,452 47,138 3,210 (66,698) 11,196		17,094				(66,698)	

Shareholders' equity						
Eaton shareholders' equity	15,404	10,975	40,216	79,807	(130,998) 15,404
Noncontrolling interests				37	5	42
Total equity	15,404	10,975	40,216	79,844	(130,993) 15,446
Total liabilities and equity	\$ 32,693	\$ 26,774	\$ 91,242	\$ 86,492	\$ (205,964) \$31,237
19						

CONDENSED CONSOLIDATING BALANCE SHEETS DECEMBER 31, 2015

DECEMBER 31, 2013						
	Eaton Corporation plc	Eaton Corporation	Guarantors	Other subsidiaries	Consolidating adjustments	Total
Assets	-					
Current assets						
Cash	\$ —	\$ 26	\$ 7	\$ 235	\$ <i>—</i>	\$268
Short-term investments		_	2	175	_	177
Accounts receivable - net		512	1,030	1,937	_	3,479
Intercompany accounts receivable	1	842	3,888	2,928	(7,659)	_
Inventory		357	651	1,395	(80	2,323
Prepaid expenses and					· · · · · ·	
other current assets		77	40	229	23	369
Total current assets	1	1,814	5,618	6,899	(7,716)	6,616
Total cultone ussets	•	1,011	2,010	0,000	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0,010
Property, plant and equipment - net	_	930	750	1,885	_	3,565
Other noncurrent assets						
Goodwill	_	1,355	6,264	5,860	_	13,479
Other intangible assets		182	3,624	2,208	_	6,014
Deferred income taxes		1,016		218	(872)	362
Investment in subsidiaries	29,627	12,883	60,139	10,046	(112,695)	_
Intercompany loans receivable		8,641	1,573	44,835	(55,049)	
Other assets		492	122	346	_	960
Total assets	\$ 29,628	\$ 27,313	\$ 78,090	\$ 72,297	\$ (176,332)	\$30,996
Liabilities and						
shareholders' equity						
Current liabilities						
Short-term debt						
Short term west	\$ —	\$ 408	\$ —	\$ 18	\$ <i>—</i>	\$426
Current portion of	\$ —				\$—	
	\$ — —	\$ 408 1	\$ — 240	\$ 18 1	\$— —	\$426 242
Current portion of	\$ — — —				\$— — —	
Current portion of long-term debt	_ _	1	240	1	\$— — (7,659)	242
Current portion of long-term debt Accounts payable	_ _	1 392	240 260	1 1,106	_ 	242 1,758
Current portion of long-term debt Accounts payable Intercompany accounts payable	— — 219 — 1	1 392 4,009	240 260 2,248	1 1,106 1,183		242 1,758 — 366 1,833
Current portion of long-term debt Accounts payable Intercompany accounts payable Accrued compensation	 e 219	1 392 4,009 77	240 260 2,248 53	1 1,106 1,183 236		242 1,758 — 366
Current portion of long-term debt Accounts payable Intercompany accounts payable Accrued compensation Other current liabilities Total current liabilities	— — 219 — 1	1 392 4,009 77 644	240 260 2,248 53 318	1 1,106 1,183 236 875		242 1,758 — 366 1,833
Current portion of long-term debt Accounts payable Intercompany accounts payable Accrued compensation Other current liabilities Total current liabilities Noncurrent liabilities	— — 219 — 1	1 392 4,009 77 644 5,531	240 260 2,248 53 318 3,119	1 1,106 1,183 236 875 3,419		242 1,758 — 366 1,833 4,625
Current portion of long-term debt Accounts payable Intercompany accounts payable Accrued compensation Other current liabilities Total current liabilities	— — 219 — 1	1 392 4,009 77 644	240 260 2,248 53 318	1 1,106 1,183 236 875		242 1,758 — 366 1,833 4,625 7,746
Current portion of long-term debt Accounts payable Intercompany accounts payable Accrued compensation Other current liabilities Total current liabilities Noncurrent liabilities Long-term debt	— — 219 — 1	1 392 4,009 77 644 5,531 7,053 639	240 260 2,248 53 318 3,119	1 1,106 1,183 236 875 3,419		242 1,758 — 366 1,833 4,625 7,746 1,586
Current portion of long-term debt Accounts payable Intercompany accounts payable Accrued compensation Other current liabilities Total current liabilities Noncurrent liabilities Long-term debt Pension liabilities	— — 219 — 1	1 392 4,009 77 644 5,531	240 260 2,248 53 318 3,119	1 1,106 1,183 236 875 3,419		242 1,758 — 366 1,833 4,625 7,746
Current portion of long-term debt Accounts payable Intercompany accounts payable Accrued compensation Other current liabilities Total current liabilities Noncurrent liabilities Long-term debt Pension liabilities Other postretirement	— — 219 — 1	1 392 4,009 77 644 5,531 7,053 639	240 260 2,248 53 318 3,119	1 1,106 1,183 236 875 3,419		242 1,758 — 366 1,833 4,625 7,746 1,586
Current portion of long-term debt Accounts payable Intercompany accounts payable Accrued compensation Other current liabilities Total current liabilities Noncurrent liabilities Long-term debt Pension liabilities Other postretirement benefits liabilities	— — 219 — 1	1 392 4,009 77 644 5,531 7,053 639	240 260 2,248 53 318 3,119 675 165	1 1,106 1,183 236 875 3,419 17 782	(7,659) (7,664)	242 1,758 — 366 1,833 4,625 7,746 1,586 440
Current portion of long-term debt Accounts payable Intercompany accounts payable Accrued compensation Other current liabilities Total current liabilities Noncurrent liabilities Long-term debt Pension liabilities Other postretirement benefits liabilities Deferred income taxes		1 392 4,009 77 644 5,531 7,053 639 245	240 260 2,248 53 318 3,119 675 165 118 815	1 1,106 1,183 236 875 3,419 17 782 77		242 1,758 — 366 1,833 4,625 7,746 1,586 440 390
Current portion of long-term debt Accounts payable Intercompany accounts payable Accrued compensation Other current liabilities Total current liabilities Noncurrent liabilities Long-term debt Pension liabilities Other postretirement benefits liabilities Deferred income taxes Intercompany loans payable		1 392 4,009 77 644 5,531 7,053 639 245 — 2,962	240 260 2,248 53 318 3,119 675 165 118 815 36,432	1 1,106 1,183 236 875 3,419 17 782 77 447 1,433		242 1,758 — 366 1,833 4,625 7,746 1,586 440 390 —

Shareholders' equity						
Eaton shareholders' equity	15,186	10,537	36,566	65,653	(112,756) 15,186
Noncontrolling interests				37	8	45
Total equity	15,186	10,537	36,566	65,690	(112,748) 15,231
Total liabilities and equity	\$ 29,628	\$ 27,313	\$ 78,090	\$ 72,297	\$ (176,332) \$30,996
20						

CONDENSED CONSOLIDATING STATEMENTS OF CASH FLOWS FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2016

TOR THE WINE MONTHS ENDED SET TEMBER	30, 2010										
	Eaton Corporat plc	tic	Eaton Corpor	ati	Guaran on	toı	Other subsidia	rie	Consolida esadjustmer	iting Total its	
Net cash provided by (used in) operating activities	\$ (158)	\$ (29)	\$ (283)	\$ 2,384		\$ —	\$1,91	4
Investing activities											
Capital expenditures for property, plant and equipment	_		(62)	(75)	(209)	_	(346)
Cash received from (paid for) acquisitions of					1					1	
businesses, net of cash acquired					1		_			1	
Sales (purchases) of short-term investments - net			_		2		(31)	_	(29)
Investments in affiliates	(1,250)	_		(120)	(1,370)	2,740	_	
Return of investments in affiliates	_		_		47		_		(47)	_	
Loans to affiliates	_		(287)	(655)	(6,457)	7,399	_	
Repayments of loans from affiliates	_		1,288		_		4,501		(5,789)	_	
Other - net	_		_		30		(27)		3	
Net cash provided by (used in) investing activities	(1,250)	939		(770)	(3,593)	4,303	(371)
Financing activities											
Proceeds from borrowings	_		22		611		_		_	633	
Payments on borrowings	_		(408)	(240)	(18)	_	(666)
Proceeds from borrowings from affiliates	3,333		2,815		1,051		200		(7,399)	_	
Payments on borrowings from affiliates	(637)	(3,453)	(1,658)	(41)	5,789	_	
Capital contributions from affiliates					1,370		1,370		(2,740)		
Return of capital to affiliates							(47)	47		
Other intercompany financing activities			158		(81)	(77)	_	_	
Cash dividends paid	(780)								(780)
Exercise of employee stock options	60	,								60	
Repurchase of shares	(567)								(567)
Excess tax benefit from equity-based compensation			_		_		_		_	_	
Other - net	_				(3)	(2)		(5)
Net cash provided by (used in)						,		,			
financing activities	1,409		(866)	1,050		1,385		(4,303)	(1,325	5)
Effect of currency on cash	_				_		8			8	
Total increase (decrease) in cash	1		44		(3)	184			226	
Cash at the beginning of the period			26		7		235			268	
Cash at the end of the period	\$ 1		\$ 70		\$ 4		\$ 419		\$ —	\$494	
21											

CONDENSED CONSOLIDATING STATEMENTS OF CASH FLOWS FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2015

	Eaton Corpora plc	ıtio	Eaton Corpora	atio	Guaran on	ito	Other rs subsidia	rie	Consolida esadjustmen	iting Total its	
Net cash provided by (used in) operating activities	\$ (85)	\$ (93)	\$ (23)	\$ 1,830		\$ —	\$1,62	29
Investing activities											
Capital expenditures for property, plant and equipment			(68)	(100)	(200)		(368)
Cash received from (paid for) acquisitions of businesses, net of cash acquired	_		_		_		(38)	_	(38)
Sales (purchases) of short-term investments - net			_		_		76		_	76	
Investments in affiliates	(1,482)	_		(1,176)	(1,482)	4,140		
Loans to affiliates			(307))	(7,638)	7,984		
Repayments of loans from affiliates Proceeds from sale of businesses	_		306		58		5,514 1		(5,878)	<u> </u>	
Other - net	_		(41)	33		(36)	_	(44)
Net cash provided by (used in) investing activities	(1,482)	(110))	(3,803)	6,246	(373)
Financing activities											
Proceeds from borrowings							1		_	1	
Payments on borrowings			(102)	(301)	(2)		(405)
Proceeds from borrowings from affiliates	2,783		4,577		581		43		(7,984)		
Payments on borrowings from affiliates	(40)	(4,617)	(1,160)	(61)	5,878	_	
Capital contributions from affiliates			1,176		1,482		1,482		(4,140)		
Other intercompany financing activities Cash dividends paid	— (771	`	(859)	644		215		_	— (771)
Exercise of employee stock options	48	,	_		_		_		_	48	,
Repurchase of shares	(454)							_	(454)
Other - net	-		_				(8)	_	(8)
Net cash provided by (used in) financing activities	1,566		175		1,246		1,670		(6,246)	(1,589	9)
Effect of currency on cash					_		(30)	_	(30)
Total increase (decrease) in cash	(1)	(28)	(1)	(333)		(363)
Cash at the beginning of the period Cash at the end of the period	1 \$ —		173 \$ 145		13 \$ 12		594 \$ 261			781 \$418	

Net sales

ITEM MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS.

Amounts are in millions of dollars or shares unless indicated otherwise (per share data assume dilution).

COMPANY OVERVIEW

Eaton Corporation plc (Eaton or the Company) is a power management company with 2015 net sales of \$20.9 billion. The Company provides energy-efficient solutions that help its customers effectively manage electrical, hydraulic, and mechanical power more efficiently, safely, and sustainably. Eaton has approximately 95,000 employees in over 60 countries and sells products to customers in more than 175 countries.

Summary of Results of Operations

A summary of Eaton's Net sales, Net income attributable to Eaton ordinary shareholders, and Net income per share attributable to Eaton ordinary shareholders - diluted follows:

Nine months Three months ended ended September 30 September 30 2016 2015 2016 2015 \$4,987 \$5,203 \$14,880 \$15,798 523 446 1.418 1.447 \$3.09

Net income attributable to Eaton ordinary shareholders

Net income per share attributable to Eaton ordinary shareholders - diluted \$1.15 \$0.96 \$3.09

During 2015, Eaton announced a multi-year restructuring initiative to reduce its cost structure and gain efficiencies in all business segments and at corporate in order to respond to declining market conditions. Restructuring charges in the third quarter and first nine months of 2016 were \$23 and \$121, respectively, and were \$113 and \$127 in 2015, respectively. These charges were primarily comprised of severance costs. Restructuring charges are anticipated to be \$145 in 2016 and \$180 in 2017. The projected annualized savings from these restructuring actions are expected to be \$508, when fully realized in 2018.

RESULTS OF OPERATIONS

Non-GAAP Financial Measures

The following discussion of Consolidated Financial Results and Business Segment Results of Operations includes certain non-GAAP financial measures. These financial measures include operating earnings, operating earnings per ordinary share, and operating profit before acquisition integration charges for each business segment as well as corporate, each of which differs from the most directly comparable measure calculated in accordance with generally accepted accounting principles (GAAP). A reconciliation of operating earnings and operating earnings per ordinary share to the most directly comparable GAAP measure is included in the table below. Operating profit before acquisition integration charges is reconciled in the discussion of the operating results of each business segment, and excludes acquisition integration expense related to the integration of Ephesus Lighting, Inc. and Oxalis Group Ltd. in 2016 and primarily Cooper Industries plc in 2015. Management believes that these financial measures are useful to investors because they exclude certain transactions, allowing investors to more easily compare Eaton's financial performance period to period. Management uses this information in monitoring and evaluating the on-going performance of Eaton and each business segment. For additional information on acquisition integration charges, see Note 3 to the Condensed Consolidated Financial Statements.

Consolidated Financial Results

	Three mo ended September	Increase (decrease)		Nine months ended September 30		Decrease		
	2016	2015		ŕ	2016	2015		
Net sales	\$4,987	\$5,203	(4)%	\$14,880	\$15,798	(6)%
Gross profit	1,616	1,606	1	%	4,799	4,933	(3)%
Percent of net sales	32.4 %	30.9 %			32.3 %	31.2 %		
Income before income taxes	573	487	18	%	1,568	1,590	(1)%
Net income	522	445	17	%	1,417	1,447	(2)%
Less net loss for noncontrolling interests	1	1			1			
Net income attributable to Eaton ordinary shareholders	523	446	17	%	1,418	1,447	(2)%
Excluding acquisition integration charges, after-tax (Note 3)	1	7			2	22		
Operating earnings	\$524	\$453	16	%	\$1,420	\$1,469	(3)%
Net income per share attributable to Eaton ordinary shareholders - diluted	\$1.15	\$0.96	20	%	\$3.09	\$3.09	_	%
Excluding per share impact of acquisition integration charges, after-tax (Note 3)	_	0.01			_	0.05		
Operating earnings per ordinary share Net Sales	\$1.15	\$0.97	19	%	\$3.09	\$3.14	(2)%

Net sales decreased 4% in the third quarter of 2016 compared to the third quarter of 2015 due to a decrease of 3% in organic sales and a decrease of 1% from the impact of negative currency translation. Net sales decreased 6% in the first nine months of 2016 compared to the first nine months of 2015 due to a decrease of 4% in organic sales and a 2% decrease from the impact of negative currency translation. The decrease in organic sales in the third quarter and first nine months of 2016 was primarily due to weakening demand in several of the Company's end markets.

Gross Profit

Gross profit margin increased from 30.9% in the third quarter of 2015 to 32.4% in the third quarter of 2016. The increase in gross profit margin in the third quarter of 2016 was primarily due to savings from restructuring actions, other cost control measures and lower restructuring charges, partially offset by lower sales volumes and unfavorable product mix. Gross profit margin increased from 31.2% in the first nine months of 2015 compared to 32.3% in the first nine months of 2016. The increase in gross profit margin in the first nine months of 2016 was primarily due to savings from restructuring actions and other cost control measures, partially offset by lower sales volumes and unfavorable product mix.

Income Taxes

The effective income tax rate for the third quarter and first nine months of 2016 was expense of 9%, and 10%, respectively, compared to an expense of 9% for the third quarter and first nine months of 2015. The increase in the effective tax rate in the first nine months of 2016 was primarily due to more income earned in higher tax jurisdictions. Net Income

Net income attributable to Eaton ordinary shareholders of \$523 in the third quarter of 2016 increased 17% compared to Net income attributable to Eaton ordinary shareholders of \$446 in the third quarter of 2015. The increase in the third quarter of 2016 was primarily due to savings from restructuring actions, other cost control measures, lower restructuring charges, and a decrease in pension and other postretirement benefits expense, partially offset by lower sales volumes and unfavorable product mix. Net income attributable to Eaton ordinary shareholders in the first nine months of 2016 was \$1,418 a decrease of 2% compared to \$1,447 in the first nine months of 2015. The decrease in the first nine months of 2016 was primarily due to lower sales volumes and unfavorable product mix, partially offset by savings from restructuring actions, other cost control measures, and a decrease in pension and other postretirement

benefits expense.

Net income per ordinary share increased to \$1.15 in the third quarter of 2016 compared to \$0.96 in the third quarter of 2015. The increase in Net income per ordinary share in the third quarter of 2016 was due to higher Net income attributable to Eaton ordinary shareholders and the Company's share repurchases over the past year. Net income per ordinary share was flat at \$3.09 in the first nine months of 2016 compared to the first nine months 2015 due to lower Net income attributable to Eaton ordinary shareholders offset by the impact of the Company's share repurchases over the past year.

Operating Earnings

Operating earnings of \$524 in the third quarter of 2016 increased 16% compared to Operating earnings of \$453 in the third quarter of 2015. The increase in Operating earnings in the third quarter of 2016 was primarily due to higher Net income attributable to Eaton ordinary shareholders, partially offset by lower acquisition integration charges. Operating earnings in the first nine months of 2016 was \$1,420, a decrease of 3% compared to \$1,469 in the first nine months of 2015. The decrease in Operating earnings in the first nine months of 2016 was primarily due to lower Net income attributable to Eaton ordinary shareholders and lower acquisition integration charges.

Operating earnings per ordinary share increased to \$1.15 in the third quarter of 2016 compared to \$0.97 in the third quarter of 2015. The increase in Operating earnings per ordinary share in the third quarter of 2016 was due to higher Operating earnings and the impact of the Company's share repurchases over the past year. Operating earnings per ordinary share decreased to \$3.09 in the first nine months of 2016 compared to \$3.14 in the first nine months of 2015. The decrease in Operating earnings per ordinary share in the first nine months of 2016 was due to lower Operating earnings, partially offset by the impact of the Company's share repurchases over the past year.

Business Segment Results of Operations

The following is a discussion of Net sales, operating profit and operating margin by business segment, which includes a discussion of operating profit and operating profit margin before acquisition integration charges. For additional information related to acquisition integration charges, see Note 3 to the Condensed Consolidated Financial Statements.

Electrical Products

	Three ended Septem				Inc	crease	Nine m Septem			ed	Inc	crease
	2016		2015				2016		2015			
Net sales	\$1,767	,	\$1,771		—	%	\$5,231		\$5,246	·)	—	%
Operating profit	\$331		\$322		3	%	\$924		\$858		8	%
Operating margin	18.7	%	18.2	%			17.7	%	16.4	%		
Acquisition integration charges	\$1		\$5				\$2		\$17			
Before acquisition integration charges												
Operating profit	\$332		\$327		2	%	\$926		\$875		6	%
Operating margin	18.8	%	18.5	%			17.7	%	16.7	%		

Net sales were broadly flat in the third quarter of 2016 compared to the third quarter of 2015, with an increase of 1% from the acquisitions of businesses offset by a decrease of 1% from the impact of negative currency translation. Net sales were also generally flat in the first nine months of 2016 compared to the first nine months of 2015, with an increase of 1% in organic sales offset by a decrease of 1% from the impact of negative currency translation. By region, organic sales grew in the first nine months of 2016 in the Americas and Europe, while sales declined in Asia Pacific. Operating margin increased from 18.2% in the third quarter of 2015 to 18.7% in the third quarter of 2016. The increase in operating margin in the third quarter 2016 was primarily due to savings from restructuring actions and lower restructuring charges. Operating margin increased from 16.4% in the first nine months of 2015 to 17.7% in first nine months of 2016. The increase in operating margin in the first nine months of 2016 was primarily due to savings from restructuring actions and other cost control measures, partially offset by higher restructuring charges and

unfavorable product mix.

Operating margin before acquisition integration charges increased from 18.5% in the third quarter of 2015 to 18.8% in the third quarter of 2016. The increase in operating margin before acquisition integration charges in the third quarter 2016 was primarily due to an increase in operating margin, partially offset by lower acquisition integration charges. Operating margin before acquisition integration charges increased from 16.7% in the first nine months of 2015 to 17.7% in first nine months of 2016. The increase in operating margin before acquisition integration charges in the first nine months of 2016 was primarily due to an increase in operating margin, partially offset by lower acquisition integration charges.

Table of Contents

Electrical	S	vstems	and	Services
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	Three months ended September 30		Increase (decrease)	Sentembe	Nine months ended September 30		
	2016	2015	· ·	2016	2015		
Net sales	\$1,436	\$1,487	(3)%	\$4,207	\$4,437	(5)%	
Operating profit	\$197	\$164	20 %	\$534	\$573	(7)%	
Operating margin	13.7 %	11.0 %		12.7 %	12.9 %		
Acquisition integration charges	\$—	\$3		\$1	\$10		
Before acquisition integration charges							
Operating profit	\$197	\$167	18 %	\$535	\$583	(8)%	
Operating margin	13.7 %	11.2 %		12.7 %	13.1 %		

Net sales decreased 3% in the third quarter of 2016 compared to the third quarter of 2015 due to a decrease of 2% in organic sales and a decrease of 1% from the impact of negative currency translation. Net sales decreased 5% in the first nine months of 2016 compared to the first nine months 2015 due to a decrease of 3% in organic sales and decrease of 2% from the impact of negative currency translation. The organic sales decline during the third quarter and first nine months of 2016 was primarily due to weakness in oil and gas markets and industrial projects. Operating margin increased from 11.0% in the third quarter of 2015 to 13.7% in the third quarter of 2016. The increase in operating margin in the third quarter of 2016 was primarily due to savings from restructuring actions, other cost control measures and lower restructuring charges, partially offset by lower sales volumes and unfavorable product mix. Operating margin decreased from 12.9% in the first nine months of 2015 to 12.7% in the first nine months of 2016. The decrease in operating margin in the first nine months of 2016 was primarily due to lower sales volumes and unfavorable product mix, partially offset by savings from restructuring actions and other cost control measures. Operating margin before acquisition integration charges increased from 11.2% in the third quarter of 2015 to 13.7% in the third quarter of 2016. The increase in operating margin before acquisition integration charges in the third quarter of 2016 was primarily due to an increase in operating margin, partially offset by lower acquisition integration charges. Operating margin before acquisition integration charges decreased from 13.1% in the first nine months of 2015 to 12.7% in the first nine months of 2016. The decrease in operating margin before acquisition integration charges in the first nine months of 2016 was primarily due to a decrease in operating margin and lower acquisition integration charges.

Hydraulics

•	Three months ended September 30		Increase (decrease)		Nine mor Septembe	Decrease	
	2016	2015	`	ŕ	2016	2015	
Net sales	\$562	\$599	(6)%	\$1,702	\$1,907	(11)%
Operating profit	\$61	\$44	39	%	\$161	\$184	(13)%
Operating margin	10.9 %	7.3 %			9.5 %	9.6 %	
Acquisition integration charges	\$—	\$—			\$—	\$2	
Before acquisition integration charges							
Operating profit	\$61	\$44	39	%	\$161	\$186	(13)%
Operating margin	10.9 %	7.3 %			9.5 %	9.8 %	

Net sales decreased 6% in the third quarter of 2016 compared to the third quarter of 2015 due to a decrease in organic sales. Net sales decreased 11% for the first nine months of 2016 compared to the first nine months of 2015 due to a decrease of 10% in organic sales and a decrease of 1% from the impact of negative currency translation. The decline in organic sales in the third quarter and first nine months of 2016 were primarily due to continued weakness in both the mobile and industrial markets.

Operating margin increased from 7.3% in the third quarter of 2015 to 10.9% in the third quarter of 2016. The increase in operating margin in the third quarter of 2016 was primarily due to savings from restructuring actions, other cost control measures and lower restructuring charges, partially offset by lower sales volumes. Operating margin decreased from 9.6% in the first nine months of 2015 to 9.5% in the first nine months of 2016. The decrease in operating margin in the first nine months of 2016 was primarily due to lower sales volumes and higher restructuring costs, partially offset by savings from restructuring actions and other cost control measures.

Operating margin before acquisition integration charges decreased from 9.8% in the first nine months of 2015 to 9.5% in the first nine months of 2016. The decrease in operating margin in the first nine months of 2016 was primarily due to a decrease in operating margin and lower acquisition integration charges.

Aerospace

	Three mended Septemb			ease crease)	Cantamba	ths ended r 30		rease crease)
Net sales	2016 \$436	2015 \$449	(3)%	2016 \$1,328	2015 \$1,367	(3)%
Operating profit Operating margin		т , ,	11	%	\$251 18.9 %	\$233 17.0 %	8	%

Net sales in the third quarter of 2016 decreased 3% compared to the third quarter of 2015 due to a 3% impact from negative currency translation. Net sales decreased 3% in the first nine months of 2016 compared to the first nine months of 2015 due to a decrease of 2% from the impact of negative currency translation and a decrease of 1% in organic sales. The decline in organic sales in the first nine months of 2016 primarily related to a decrease in military OEM markets, partially offset by growth in commercial markets.

Operating margin increased in the third quarter from 17.6% in 2015 to 20.2% in 2016, and in the first nine months from 17.0% in 2015 to 18.9% in 2016. The increase in operating margin in the third quarter of 2016 was due to savings from restructuring actions, other cost control measures and lower restructuring actions, other cost control measures and reduced program development spending. Vehicle

	Three mended Septemb		Decrease	Nine mon Septembe		Deci	rease
	2016	2015		2016	2015		
Net sales	\$786	\$897	(12)%	\$2,412	\$2,841	(15)%
Operating profit	\$122	\$136	(10)%	\$377	\$490	(23)%
Operating margin	15.5 %	15.2 %		15.6 %	17.2 %		

Net sales decreased 12% in the third quarter of 2016 compared to the third quarter of 2015 due to a 12% decline in organic sales. The decline in organic sales in the third quarter of 2016 was primarily due to weakness in the North American Class 8 truck market. Net sales decreased 15% in the first nine months of 2016 compared to the first nine months of 2015 due to a decrease of 13% in organic sales and a decrease of 2% from the impact of negative currency translation. The decline in organic sales in the first nine months of 2016 was primarily due to the lower North American Class 8 truck market.

Operating margin increased from 15.2% in the third quarter of 2015 to 15.5% in the third quarter of 2016. The increase in the third quarter of 2016 was primarily the result of savings from restructuring actions, other cost control measures, lower restructuring charges and manufacturing efficiencies, partially offset by lower sales volumes and unfavorable product mix. Operating margin decreased from 17.2% in the first nine months of 2015 to 15.6% in the first nine months of 2016. The decrease in the first nine months of 2016 was primarily due to lower sales volumes, partially offset by savings from restructuring actions and lower restructuring charges.

Corporate Expense

	Three				Nine			
	month	ıs			month	ıs		
	ended	[Dag	Даатаааа		[Daaraasa	
	September 30		Decrease		September		Decrease	
					30			
	2016	2015			2016	2015		
Amortization of intangible assets	\$99	\$102	(3)%	\$297	\$306	(3)%
Interest expense - net	59	59	—	%	173	175	(1)%
Pension and other postretirement benefits expense	18	38	(53)%	45	99	(55)%
Other corporate expense - net	50	59	(15)%	164	168	(2)%
Total corporate expense	\$226	\$258	(12)%	\$679	\$748	(9)%

Total corporate expense decreased 12% from \$258 in the third quarter of 2015 to \$226 in the third quarter of 2016. Total corporate expense decreased 9% from \$748 in the first nine months of 2015 to \$679 in the first nine months of 2016. The decrease in Total corporate expense for the third quarter and first nine months 2016 was primarily due to a decrease in pension and other postretirement benefits expense resulting from a change to the spot rate approach for measuring service and interest costs, higher discount rates, and updated mortality tables.

LIQUIDITY, CAPITAL RESOURCES AND CHANGES IN FINANCIAL CONDITION

Financial Condition and Liquidity

Eaton's objective is to finance its business through operating cash flow and an appropriate mix of equity and long-term and short-term debt. By diversifying its debt maturity structure, Eaton reduces liquidity risk. The Company maintains access to the commercial paper markets through a commercial paper program, which is supported by credit facilities in the aggregate principal amount of \$2,000. On October 14, 2016, Eaton refinanced a \$750, five-year revolving credit facility with a \$750, five-year revolving credit facility that will expire October 14, 2021. Eaton also maintains a \$500, four-year revolving credit facility that will expire on October 3, 2018 and a \$750, five-year credit facility that will expire October 3, 2019. This refinancing maintains long-term revolving credit facilities at a total of \$2,000. There were no borrowings outstanding under these revolving credit facilities at September 30, 2016 or October 14, 2016. Over the course of a year, cash, short-term investments and short-term debt may fluctuate in order to manage global liquidity. Eaton believes its operating flexibility, cash flow, cash and short-term investment balances, and access to capital markets are substantially in excess of the liquidity necessary to meet future operating needs of the business as well as scheduled payments of long-term debt.

On September 20, 2016, a subsidiary of Eaton issued Euro denominated notes (Euro Notes) with a face value of €550 (\$615 based on the September 20, 2016 spot rate), in accordance with Regulation S promulgated under the Securities Act of 1933, as amended. The Euro Notes mature in 2024 with interest payable annually at a rate of 0.75%. The issuer received proceeds totaling €544 (\$609 based on the September 20, 2016 spot rate) from the issuance, net of financing costs and discounts.

Eaton was in compliance with each of its debt covenants for all periods presented.

Sources and Uses of Cash

Operating Cash Flow

Net cash provided by operating activities was \$1,914 in the first nine months of 2016, an increase of \$285 in the source of cash compared to \$1,629 in the first nine months of 2015. The increase in net cash provided by operating activities in the first nine months of 2016 was driven by lower pension contributions.

Investing Cash Flow

Net cash used in investing activities was \$371 in the first nine months of 2016, a decrease of \$2 in the use of cash compared to \$373 in the first nine months of 2015. The slight decrease was primarily driven by no business acquisitions completed in 2016 and lower capital expenditures in 2016 compared to 2015, offset by purchases of short-term investments of \$29 in 2016 compared to sales of \$76 in 2015.

Financing Cash Flow

Net cash used in financing activities was \$1,325 in the first nine months of 2016, a decrease of \$264 in the use of cash compared to \$1,589 in the first nine months of 2015. The decrease in the use of cash was due to an increase in proceeds from borrowings, which totaled \$633 in 2016, partially offset by an increase of \$261 in payments on borrowings and an increase of \$113 in share repurchases in 2016 compared to 2015.

FORWARD-LOOKING STATEMENTS

This Form 10-Q Report contains forward-looking statements concerning share repurchases, litigation developments, and the charges and benefits of restructuring actions, among other matters. These statements may discuss goals, intentions and expectations as to future trends, plans, events, results of operations or financial condition, or state other information relating to Eaton, based on current beliefs of management as well as assumptions made by, and information currently available to, management. Forward-looking statements generally will be accompanied by words such as "anticipate," "believe," "could," "estimate," "expect," "forecast," "guidance," "intend," "may," "possible," "potential," or other similar words, phrases or expressions. These statements should be used with caution and are subject to various risks and uncertainties, many of which are outside Eaton's control. The following factors could cause actual results to differ materially from those in the forward-looking statements: unanticipated changes in the markets for the Company's business segments; unanticipated downturns in business relationships with customers or their purchases from us; the availability of credit to customers and suppliers; competitive pressures on sales and pricing; unanticipated changes in the cost of material and other production costs, or unexpected costs that cannot be recouped in product pricing; the introduction of competing technologies; unexpected technical or marketing difficulties; unexpected claims, charges, litigation or dispute resolutions or unexpected developments in any such pending proceedings; strikes or other labor unrest; the impact of acquisitions and divestitures; unanticipated difficulties integrating acquisitions; new laws and governmental regulations; interest rate changes; tax rate changes or exposure to additional income tax liability; stock market and currency fluctuations; war, civil or political unrest or terrorism; and unanticipated deterioration of economic and financial conditions in the United States and around the world. Eaton does not assume any obligation to update these forward-looking statements.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK.

There have been no material changes in exposures to market risk since December 31, 2015.

ITEM 4. CONTROLS AND PROCEDURES.

Evaluation of Disclosure Controls and Procedures - Pursuant to SEC Rule 13a-15, an evaluation was performed under the supervision and with the participation of Eaton's management, including Craig Arnold - Principal Executive Officer; and Richard H. Fearon - Principal Financial Officer, of the effectiveness of the design and operation of the Company's disclosure controls and procedures. Based on that evaluation, management concluded that Eaton's disclosure controls and procedures were effective as of September 30, 2016.

Disclosure controls and procedures are designed to ensure that information required to be disclosed in Eaton's reports filed or submitted under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms. Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed in Eaton's reports filed under the Exchange Act is accumulated and communicated to management, including Eaton's Principal Executive Officer and Principal Financial Officer, to allow timely decisions regarding required disclosure. During the third quarter of 2016, there was no change in Eaton's internal control over financial reporting that materially affected, or is reasonably likely to materially affect, internal control over financial reporting.

PART II — OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS.

Information regarding the Company's current legal proceedings is presented in Note 8 of the Notes to the Condensed Consolidated Financial Statements.

ITEM 1A. RISK FACTORS.

"Item 1A. Risk Factors" in Eaton's 2015 Form 10-K includes a discussion of the Company's risk factors. There have been no material changes from the risk factors described in the 2015 Form 10-K.

ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS.

(c) Issuer's Purchases of Equity Securities

During the third quarter of 2016, 3.7 million ordinary shares were repurchased in the open market at a total cost of \$243. These shares were repurchased under the program approved by the Board on February 24, 2016. A summary of the shares repurchased in the third quarter of 2016 follows:

Month	Total number of shares purchased	Average price paid per share	number of shares purchased as part of publicly announced plans or programs	Approximate dollar value of shares that may yet be purchased under the plans or programs (in millions)
August	2,692,932	\$ 67.24	2,692,932	\$ 2,077
September	966,203	\$ 63.90	966,203	\$ 2,015
Total	3,659,135	\$66.36	3,659,135	

ITEM 6. EXHIBITS.

Exhibits — See Exhibit Index attached.

Table of Contents

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

EATON CORPORATION plc Registrant

Date: November 1, 2016 By:/s/ Richard H. Fearon

Richard H. Fearon
Principal Financial Officer

(On behalf of the registrant and as Principal Financial Officer)

Eaton Corporation plc Third Quarter 2016 Report on Form 10-Q Exhibit Index

Certificate of

Incorporation —

Incorporated by

3 (i) reference to the

Form S-8 filed

November 30,

2012

Articles of

Association —

Incorporated by

reference to the

3 (ii) Form 10-Q

Report for the

three months

ended

March 31, 2016

Memorandum

of Association —

Incorporated by

reference to the

3 (iii) Form 10-Q

Report for the

three months

ended

March 31, 2016

4.1 Indenture dated

as of November

20, 2012, among

Turlock

Corporation, the

guarantors

named therein

and The Bank of

New York

Mellon Trust

Company, N.A.,

as trustee

(incorporated by

reference to

Exhibit 4.1 of

Eaton

Corporation

plc's Form 8-K

Current Report filed on November 26, 2012 (Commission File No. 333-182303))

Supplemental Indenture No. 1, dated as of November 30,

2012, among Eaton Corporation, the guarantors named therein and The Bank of New York Mellon Trust Company, N.A., as trustee (incorporated by reference to Exhibit 4.2 of the registrant's Form S-4 filed on September 16, 2013)

Supplemental Indenture No. 2, dated as of

4.2

4.3

January 8, 2013, among Eaton Corporation, the guarantors named therein and The Bank of New York Mellon Trust Company, N.A., as trustee (incorporated by reference Exhibit 4.3 of the registrant's Form S-4 filed on September 16, 2013)

Pursuant to Regulation S-K Item 601(b)(4), Eaton agrees to furnish to the SEC, upon request, a copy of the

of the instruments defining the rights of holders of its long-term debt other than those set forth in Exhibits 4.1-4.3 hereto

Ratio of

Report *

12

Earnings to
Fixed Charges —
Filed in
conjunction
with this
Form 10-Q

Certification of Principal Executive Officer (Pursuant to

31.1 Rule 13a-14(a)) —
Filed in
conjunction
with this
Form 10-Q
Report *

Certification of Principal Financial Officer (Pursuant to

31.2 Rule 13a-14(a)) —
Filed in
conjunction
with this
Form 10-Q
Report *

Certification of

Principal

Executive

Officer

(Pursuant to

Rule 13a-14(b)

as adopted

pursuant to

Section 906 of

the

Sarbanes-Oxley

Act) — Filed in

conjunction

with this

Form 10-Q

Report *

Certification of

Principal

Financial

Officer

(Pursuant to

Rule 13a-14(b)

as adopted

pursuant to

Section 906 of

the

32.2

Sarbanes-Oxley

Act) — Filed in

conjunction

with this

Form 10-Q

Report *

XBRL Instance 101.INS

Document *

XBRL

Taxonomy

101.SCH Extension

Schema

Document *

XBRL

Taxonomy

101.CAL Extension Calculation

Linkbase

Document *

101.DEF

XBRL

Taxonomy

Extension Label

Definition

Document *

XBRL

Taxonomy

101.LAB Extension Label

Linkbase

Document *

XBRL

Taxonomy

101.PRE Extension

Presentation

Linkbase

Document *

Attached as Exhibit 101 to this report are the following formatted in XBRL (Extensible Business Reporting Language): (i) Consolidated Statements of Income for the three months ended September 30, 2016 and 2015, (ii) Consolidated Statements of Comprehensive Income for the three months ended September 30, 2016 and 2015, (iii) Condensed Consolidated Balance Sheets at September 30, 2016 and December 31, 2015, (iv) Condensed Consolidated Statements of Cash Flows for the nine months ended September 30, 2016 and 2015 and (v) Notes to Condensed Consolidated Financial Statements for the nine months ended September 30, 2016.

^{*} Submitted electronically herewith.